

#5

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FEB 08 2001

TECH CENTER 1600/2000

DATE: 01/31/2001  
TIME: 13:41:18RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/412,558Input Set : A:\Sequence.txt  
Output Set: N:\CRF3\01312001\I412558.raw

4 <110> APPLICANT: Hwang, Jualang  
 5 Hsu, Chia-Tse  
 6 Ting, Chun-Jen  
 8 <120> TITLE OF INVENTION: PEPTIDE REPEAT IMMUNOGENS  
 10 <130> FILE REFERENCE: 08919-022001  
 12 <140> CURRENT APPLICATION NUMBER: US 09/412,558  
 13 <141> CURRENT FILING DATE: 1999-10-05  
 15 <160> NUMBER OF SEQ ID NOS: 9  
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 10  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Homo sapiens  
 24 <400> SEQUENCE: 1  
 25 Glu His Trp Ser Tyr Gly Leu Arg Pro Gly  
 26 1 5 10  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 12  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Vaccinia virus  
 33 <400> SEQUENCE: 2  
 34 Leu Ile Gly Ile Cys Val Ala Val Thr Val Ala Ile  
 35 1 5 10  
 37 <210> SEQ ID NO: 3  
 38 <211> LENGTH: 252  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Pseudomonas aeruginosa  
 42 <400> SEQUENCE: 3  
 43 Met His Leu Ile Pro His Trp Ile Pro Leu Val Ala Ser Leu Gly Leu  
 44 1 5 10 15  
 45 Leu Ala Gly Gly Ser Ser Ala Ser Ala Ala Glu Glu Ala Phe Asp Leu  
 46 20 25 30  
 47 Trp Asn Glu Cys Ala Lys Ala Cys Val Leu Asp Leu Lys Asp Gly Val  
 48 35 40 45  
 49 Arg Ser Ser Arg Met Ser Val Asp Pro Ala Ile Ala Asp Thr Asn Gly  
 50 50 55 60  
 51 Gln Gly Val Leu His Tyr Ser Met Val Leu Glu Gly Gly Asn Asp Ala  
 52 65 70 75 80  
 53 Leu Lys Leu Ala Ile Asp Asn Ala Leu Ser Ile Thr Ser Asp Gly Leu  
 54 85 90 95  
 55 Thr Ile Arg Leu Glu Gly Gly Val Glu Pro Asn Lys Pro Val Arg Tyr  
 56 100 105 110  
 57 Ser Tyr Thr Arg Gln Ala Arg Gly Ser Trp Ser Leu Asn Trp Leu Val  
 58 115 120 125  
 59 Pro Ile Gly His Glu Lys Pro Ser Asn Ile Lys Val Phe Ile His Glu  
 60 130 135 140  
 61 Leu Asn Ala Gly Asn Gln Leu Ser His Met Ser Pro Ile Tyr Thr Ile

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62 145	150	155	160
63 Glu Met Gly Asp Glu Lcu Leu Ala Lys	Leu Ala Arg Asp Ala Thr Phe		
64 165	170	175	
65 Phe Val Arg Ala His Glu Ser Asn Glu Met Gln Pro Thr Leu Ala Ile			
66 180	185	190	
67 Ser His Ala Gly Val Ser Val Val Met Ala Gln Thr Gln Pro Arg Arg			
68 195	200	205	
69 Glu Lys Arg Trp Ser Glu Trp Ala Ser Gly Lys Val Leu Cys Leu Leu			
70 210	215	220	
71 Asp Pro Leu Asp Gly Val Tyr Asn Tyr Leu Ala Gln Gln Arg Cys Asn			
72 225	230	235	240
73 Leu Asp Asp Thr Trp Glu Gly Lys Ile Tyr Arg Val			
74 245	250		
76 <210> SEQ ID NO: 4			
77 <211> LENGTH: 30			
78 <212> TYPE: DNA			
79 <213> ORGANISM: Artificial Sequence			
81 <220> FEATURE:			
82 <223> OTHER INFORMATION: Synthetically generated primer			
84 <400> SEQUENCE: 4			
85 yaacatttgtt catatggact acggccyygga		30	
87 <210> SEQ ID NO: 5			
88 <211> LENGTH: 30			
89 <212> TYPE: DNA			
90 <213> ORGANISM: Artificial Sequence			
92 <220> FEATURE:			
93 <223> OTHER INFORMATION: Synthetically generated primer			
95 <400> SEQUENCE: 5			
96 atatgaccaa tggttctcccg gccgttagtcc		30	
98 <210> SEQ ID NO: 6			
99 <211> LENGTH: 28			
100 <212> TYPE: DNA			
101 <213> ORGANISM: Artificial Sequence			
103 <220> FEATURE:			
104 <223> OTHER INFORMATION: Synthetically generated primer			
106 <400> SEQUENCE: 6			
107 gatccgcggc gaacatgggt catatggaa		28	
109 <210> SEQ ID NO: 7			
110 <211> LENGTH: 30			
111 <212> TYPE: DNA			
112 <213> ORGANISM: Artificial Sequence			
114 <220> FEATURE:			
115 <223> OTHER INFORMATION: Synthetically generated primer			
117 <400> SEQUENCE: 7			
118 gatcgaattc taatatgacc aatgttctcc		30	
120 <210> SEQ ID NO: 8			
121 <211> LENGTH: 12			
122 <212> TYPE: DNA			
123 <213> ORGANISM: Artificial Sequence			

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125 <220> FEATURE:  
126 <223> OTHER INFORMATION: Synthetically generated primer  
128 <400> SEQUENCE: 8 12  
129 gatcgaaattc ta  
131 <210> SEQ ID NO: 9  
132 <211> LENGTH: 10  
133 <212> TYPE: DNA  
134 <213> ORGANISM: Artificial Sequence  
136 <220> FEATURE:  
137 <223> OTHER INFORMATION: Synthetically generated primer  
139 <400> SEQUENCE: 9 10  
140 gatcccgccgg

**VERIFICATION SUMMARY** DATE: 01/31/2001  
**PATENT APPLICATION:** US/09/412,558 **TIME:** 13:41:19

Input Set : A:\Sequence.txt  
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